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The National AudioVisual Center's materials on engineering are presented in this catalog. Most of the materials listed are films; but slidesets, filmstrips, audicassettes, and videocassettes are also included. Entries contain all the information pertinent to a particular title, including a physical description of the material, information for purchasing or renting, a brief content description, and additional notes on use or production. (VT)

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Engineering

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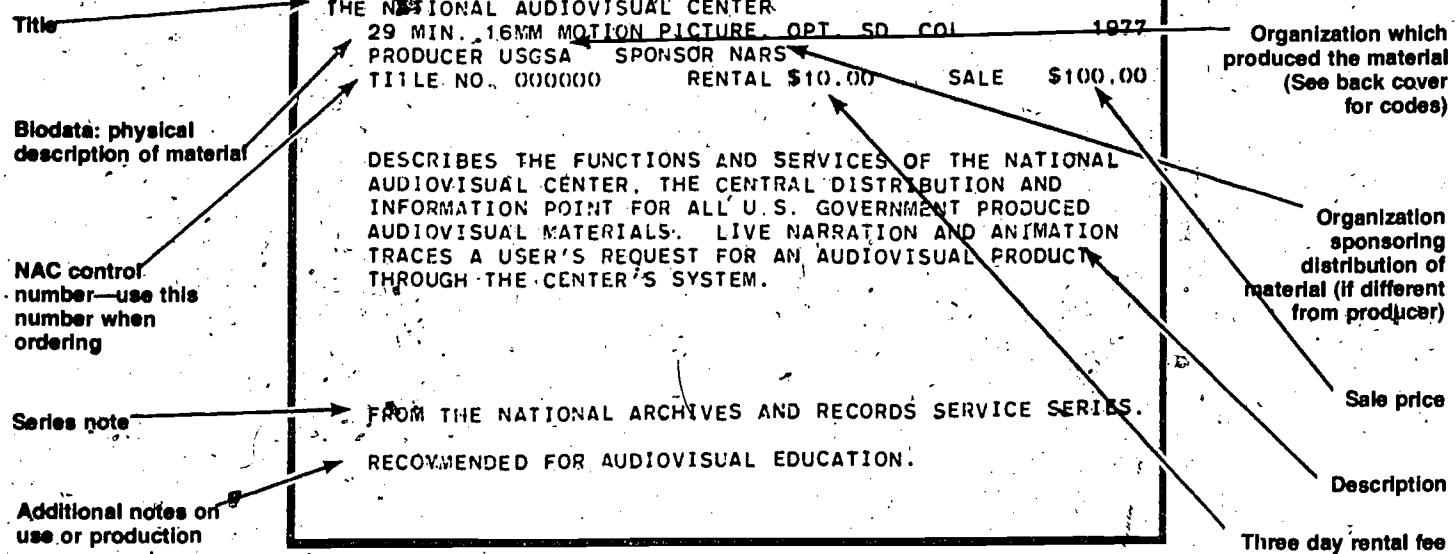
How to use this select list

The titles selected for listing in this special category are listed alphabetically for easy access. Where further breakdown would be helpful a subject index has also been provided.

The entry contains all the information pertinent to a particular title. The example below details the components of an individual title entry.

Example:

National AudioVisual Center



AASHO ROAD TEST - THE ROAD TO BETTER ROADS
14 MIN, 16MM FILM, OPT. SD, COL 1963
PRODUCER USFHWA
TITLE NO. 111506 RENTAL \$10.00 SALE \$63.50

EXPLAINS THAT EVERY 24 HOURS THE INDUSTRY AND CITIZENS OF NORTH AMERICA SPILL INTO THE ATMOSPHERE HALF A MILLION TONS OF TOXIC AIR POLLUTION. DISCUSSES NEW TECHNIQUES USED IN RECYCLING AND IN ECOLOGICAL CONTROL.

EXPLAINS, IN LAW TERMS, THE KIND OF RESEARCH DONE IN HIGHWAY CONSTRUCTION, SHOWING THE VARIETY OF PROGRAMS INVOLVED. FEATURES THE CONSTRUCTION AND OPERATION OF THE AASHO ROAD TEST.

AIR POLLUTION CONTROL
60 MIN, AUDIOCASSETTE, 2-TRACK, MONO 1973
PRODUCER USEPA
TITLE NO. 005119 SALE \$8.75

ACCESS
22 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USID SPONSOR USNASA
TITLE NO. 007715 AGENCY NO. HQ-241
SALE \$100.00

PRICE INCLUDES CASSETTE AND ONE BOOKLET.
FROM THE AIR POLLUTION CONTROL ORIENTATION COURSE SERIES.

GIVES A GENERAL OVERVIEW OF NASA'S SCIENTIFIC AND TECHNICAL INFORMATION PROGRAM. SHOWS THE VARIOUS ANNOUNCEMENT MEQIA AND THE ON-LINE, INTERACTIVE SEARCH AND RETRIEVAL SYSTEM WHICH PROVIDES A USER DIRECT ACCESS TO THE ENTIRE INFORMATION STORE OF OVER 1.2 MILLION CITATIONS. DESCRIBES OTHER PRODUCTS AND SERVICES THAT ALSO WILL ASSIST A SCIENTIST OR ENGINEER IN SOLVING INFORMATION PROBLEMS.

AIR POLLUTION CONTROL ORIENTATION COURSE-A
SERIES
9 AUDIOCASSETTES, 2-TRACK, MONO 1973
PRODUCER USEPA AGENCY NO. 0422-A
TITLE NO. 005116 SALE \$48.00

AIR INSTALLATIONS COMPATIBLE USE ZONES - THE HARMONIOUS DEVELOPMENT OF AIRFIELD ENVIRONMENTS
17 MIN, 16MM FILM, OPT. SD, COL 1976
PRODUCER USN AGENCY NO. MN-11450
TITLE NO. 008592 SALE \$77.25

PROVIDES A BROAD UNDERSTANDING OF THE AIR POLLUTION FIELD - AIR POLLUTION LAW, SOURCES, EFFECTS, AND CONTROL TECHNIQUES.

INCLUDES NINE ACCOMPANYING BOOKLETS.

AIR POLLUTION CONTROL 60MIN
AIR POLLUTION LAW 60MIN
AIR POLLUTANTS AND THEIR CONTROL 60MIN
AIR QUALITY 60MIN
CONTROL TECHNOLOGIES 60MIN
EFFECTS OF AIR POLLUTION 60MIN
ENFORCEMENT 60MIN
METEROLOGY 60MIN
SAMPLING AND ANALYSIS 60MIN

SHOWS THE NAVY'S EFFORTS REQUIRED BY DOD INST 4165.57, AIR INSTALLATIONS COMPATIBLE USE ZONES PROGRAM. DESCRIBES THE PROBLEMS OF INCOMPATIBLE LAND USE SURROUNDING NAVAL AIR INSTALLATIONS; EFFECTS OF AIRCRAFT NOISE ON HUMANS; NAVY NOISE POLLUTION ABATEMENT; STRATEGIES; AND RECOMMENDATIONS FOR LOCAL GOVERNMENTS TO ACHIEVE COMPATIBLE LAND USE.

AIRPORTS IN PERSPECTIVE
15 MIN, 16MM FILM, OPT. SD, COL 1969
PRODUCER USFAA AGENCY NO. FA-0706
TITLE NO. 123620 SALE \$68.00

AIR POLLUTION - SWEETENING THE AIR
22 MIN, 16MM FILM, OPT. SD, COL 1971
PRODUCER USEPAP
TITLE NO. 000083 RENTAL \$10.00

DOCUMENTS HOW SOME CITIES HAVE FOUND WORKABLE SOLUTIONS TO PROBLEMS ASSOCIATED WITH AVIATION'S DYNAMIC

GROWTH. EMPHASIZES THE COORDINATION BETWEEN AIRPORT DEVELOPMENT AND COMPREHENSIVE URBAN TRANSPORTATION PLANNING PROGRAMS.

CLEARED FOR TV.

AOSS - AIRBORNE OIL SURVEILLANCE SYSTEM

21 MIN. 16MM FILM. OPT. SD. COL 1975
PRODUCER USCG
TITLE NO. 007840 SALE \$95.25

DEPICTS THE COAST GUARD'S ELECTRONIC SURVEILLANCE SYSTEM, DEVELOPED IN RESPONSE TO POLLUTION PROBLEMS FOR THE DETECTION OF OIL SPILLS. USES FOUR SENSORS CONSISTING OF--A SIDE-LOOKING RADAR, LOW-LIGHT-LEVEL TV CAMERA, INFRARED/ULTRAVIOLET LINE SCANNER, AND A PASSIVE MICROWAVE IMAGER TO SHOW ITS CAPABILITIES OF DETECTION AND SURVEILLANCE IN ALL WEATHER CONDITIONS.

ASSEMBLY AND INSTALLATION OF FLEXIBLE HOSE

CONFIGURATION. THE
22 MIN. 16MM FILM. OPT. SD. COL 1968
PRODUCER USN
TITLE NO. 009781 AGENCY NO. MN-10427 SALE \$100.00

SHOWS PROCEDURES FOR ASSEMBLY AND INSTALLATION OF FLEXIBLE HOSE ON NAVY SHIPS.

ATOMIC POWER TODAY - SERVICE WITH SAFETY

15 MIN. 16MM FILM. OPT. SD. COL 1967
PRODUCER USAEC
TITLE NO. 001459 SALE \$68.00

EXPLAINS THE GROWING NEED FOR ELECTRICITY AND CONTRASTS CONVENTIONAL METHODS OF GENERATING ELECTRICITY WITH NUCLEAR METHODS. PICTURES HOW A NUCLEAR POWER PLANT IS DESIGNED, BUILT, AND OPERATED FOR SAFE, DEPENDABLE SERVICE. POINTS OUT THE ATOMIC ENERGY COMMISSION'S REGULATORY AND LICENSING PROCEDURES IN REGARD TO NUCLEAR PLANTS.

BEAUTY AND THE GRANDEUR. THE
14 MIN. 16MM FILM. OPT. SD. COL 1965
PRODUCER USFHWA
TITLE NO. 166000 SALE \$63.50

DESCRIBES THE HIGHWAY BEAUTIFICATION PROGRAM UNDERWAY THROUGHOUT THE U.S.

BEYOND THE STICK AND RUDDER
14 MIN. 16MM FILM. OPT. SD. B&W 1959
PRODUCER USAF
TITLE NO. 001640 AGENCY NO. TF-1-5300 RENTAL \$7.50 SALE \$36.75

EXPLAINS THE BASIC PRINCIPLES OF AERODYNAMICS, SHOWS HOW AIRCRAFT DESIGNERS APPLY THESE LAWS TO ACHIEVE SUPERIOR DESIGN AND PERFORMANCE WITHOUT DETRACTING FROM PILOT SAFETY, AND EMPHASIZES THE PILOT'S NEED FOR A THOROUGH KNOWLEDGE OF THESE LAWS FOR SAFE FLYING.

THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

BICYCLE COMPLIANCE TEST
45 MIN. 16MM FILM. OPT. SD. COL 1976
PRODUCER USCPSC SPONSOR USPTSD
TITLE NO. 008276 SALE \$204.00

DEMONSTRATES MORE THAN 20 SEPARATE TEST METHODS UNDER THE BICYCLE SAFETY STANDARD, ISSUED BY THE U.S. CONSUMER PRODUCT SAFETY COMMISSION. SHOWS HOW BICYCLES ARE BEING TESTED FOR FRAME STRENGTH, BRAKING PERFORMANCE, AND MANY OTHER SAFETY CHARACTERISTICS.

OTHER FORMAT(S) OR VERSION(S)
*171 2 X 2 SLIDES, SILENT. COL 1976
PRODUCER USCPSC SPONSOR USPTSD
TITLE NO. 008275 SALE \$15.00

SLIDES WERE TAKEN FROM THE 16MM FILM OF THE SAME TITLE AND ARE DESIGNED AS STUDY AND REVIEW MATERIALS.

BIG PICKUP. THE
28 MIN. 16MM FILM. OPT. SD. COL 1975

PROOUCER USOSWM
TITLE NO. 009780

SALE \$127.00

DESCRIBES AMERICA'S \$5 BILLION-A-YEAR CHORE COLLECTING SOLID WASTE. SHOWS THE GARBAGE COLLECTOR'S PROBLEM AND ILLUSTRATES MANY TECHNIQUES THAT CAN IMPROVE EFFICIENCY AND EFFECTIVENESS.

DISEASE.

BOILERS AND THEIR OPERATION - TYPES OF NAVAL

BOILERS

14 MIN. 16MM FILM, OPT. SO, B&W 1956
PROOUCER USN AGENCY NO. MN-09223E
TITLE NO. 008417 SALE \$36.75

DESCRIBES THE SPECIAL CHARACTERISTICS OF THE FOLLOWING BOILER TYPES--3-DRUM A - O - O - 2-FURNACE, SINGLE-UPTAKE, SUPERHEAT CONTROL - HEADER SINGLE PASS - AND HEADER 3-PASS.

BUT FOR HOW LONG

27 MIN. 16MM FILM, OPT. SO, COL 1974
PROOUCER USN AGENCY NO. MN-11358
TITLE NO. 009651 SALE \$122.50

DISCUSSES HOW THE NAVY COMBATS POLLUTION OF THE OCEANS BY USING ITS KNOWLEDGE OF UNDERSEA CURRENTS TO PREDICT THE DIRECTION OF EFFLUENT FLOW FROM SEWAGE OUTFALLS. ALSO EXPLAINS THE DEVELOPMENT OF NEW SHIPBOARD WASTE TREATMENT FACILITIES AND TECHNIQUES FOR CONTROL AND RECOVERY OF OIL SPILLS.

CATHODIC PROTECTION - OPERATION AND MAINTENANCE

24 MIN. 16MM FILM, OPT. SD, COL 1967
PROOUCER USN AGENCY NO. MN-10146B
TITLE NO. 009480 SALE \$109.00

SHOWS THE OPERATION AND MAINTENANCE OF THE TWO SYSTEMS OF CATHODIC PROTECTION USED BY THE NAVY.

CATHODIC PROTECTION PRINCIPLES AND SYSTEMS

26 MIN. 16MM FILM, OPT. SD, B&W 1966
PROOUCER USN AGENCY NO. MN-10146A
TITLE NO. 005564 SALE \$68.50

DISCUSSES CATHODIC PROTECTION AS REGARDS THE PREVENTION OF CORROSION ON UNDERWATER HULLS OF SHIPS. EXPLAINS THE OPERATION OF CATHODE PROTECTION SYSTEMS.

CERAMICS IN SPACE

20 MIN. 16MM FILM, OPT. SD, COL 1968
PROOUCER USNASA AGENCY NO. HQ-142
TITLE NO. 206759 SALE \$90.75

USES CERAMICS AS A TYPICAL FIELD OF SCIENTIFIC STUDY TO SHOW HOW A GRADUATE STUDENT DEVELOPS ACADEMIC ORIGINAL RESEARCH. INCLUDES SEARCHING SCIENTIFIC LITERATURE, DEFINING THE PROBLEM, DESIGNING, AND ANALYSING.

CHALLENGE OF THE FUTURE

29 MIN. 16MM FILM, OPT. SD, COL 1975
PROOUCER USERDA
TITLE NO. 007707 SALE \$131.75

REVIEWS THE PROBLEMS AND OPTIONS WHICH FACE THE U.S. IN MEETING THE GROWING ENERGY CRISIS. DEMONSTRATES THAT WITH THE ESCALATING COST OF PETROLEUM AND THE DIMINISHING SUPPLY, WE MUST SHIFT TO OTHER SOURCES OF ENERGY FOR THE FUTURE. VISITS THE LABORATORIES AND PILOT PLANTS IN THE ENERGY RESEARCH AND DEVELOPMENT CENTERS ACROSS THE COUNTRY. PRESENTS THE WORK OF SOLAR, GEOTHERMAL, AND ADVANCED ENERGY SYSTEMS.

BY-PRODUCTS OF SPACE RESEARCH - SELECTED EXAMPLES

17 MIN. 16MM FILM, OPT. SO, COL 1967
PROOUCER USNASA AGENCY NO. HQ-179
TITLE NO. 193575 SALE \$77.25

DEMONSTRATES RECENT INDUSTRIAL APPLICATIONS OF AERONAUTICAL AND SPACE TECHNOLOGY AND THE RESULTING NEW OR IMPROVED PRODUCTS AND TECHNIQUES. ILLUSTRATES THE USE OF COMPUTERS TO IMPROVE X-RAY PHOTOGRAPHS, THE APPLICATION OF TIRE HYDROPLANING STUDIES TO HIGHWAY SAFETY, AND THE USE OF NEW TOOLS FOR DIAGNOSING MUSCLE

NUCLEAR ENERGY, ENERGY CONSERVATION, ENVIRONMENT, AND SAFETY.

CLEANUP

18 MIN. 16MM FILM. OPT. SD. COL 1975
PRODUCER USN AGENCY NO. MN-11474
TITLE NO. 009655 SALE \$81.75

SHOWS SOME BASIC TOOLS FOR OIL REMOVAL IN NAVY HARBORS. ALSO SHOWS VARIOUS TYPES OF EQUIPMENT USED TO CONTAIN AND CLEAN UP OIL SPILLS, INCLUDING FIRE HOSES, PISTON FILM, ABSORBENTS, BROOMS, AND SKIMMERS. DISCUSSES THE ADVANTAGES AND DISADVANTAGES OF EACH REPRESENTATIVE TYPE OF EQUIPMENT.

CONCRETE BRIDGE DECK CONSTRUCTION
28 MIN. 16MM FILM. OPT. SD. COL 1972
PRODUCER USFHWA
TITLE NO. 000028 SALE \$127.00

SHOWS SOME OF THE IMPORTANT STEPS IN THE CONSTRUCTION OF BUILDING FORMS, PLACING REINFORCING STEEL - CHECKING WITH THE FINISHING MACHINE - PLACING CONCRETE AND CONSOLIDATING, FINISHING, AND CURING THE DECK.

CONSERVING ENERGY THROUGH APPLIANCE LABELING
7 MIN. 2 X 2 SLIDES. AUDIOCASSETTE. COL 1975
PRODUCER USNBS
TITLE NO. 009626 SALE \$12.00

EXPLAINS THE PURPOSE AND GOALS OF THE LABELING PROGRAM WHICH WAS BEGUN IN 1973. EXPLAINS HOW THE INFORMATION ON THE LABELS CAN HELP A CONSUMER BUY THE MOST EFFICIENT MODEL FOR HIS OR HER NEEDS AND SAVE ENERGY AND MONEY IN THE PROCESS. GIVES A LOOK AT ROOM AIR CONDITIONER ENERGY GUIDE LABELS.

GUIDE INCLUDED. 56 SLIDES.

CONSTRUCTING A SANITARY PIT PRIVY
70 FR. 35MM FILMSTRIP. SILENT. B&W 1949
PRODUCER USPHS SPONSOR USNMAC AGENCY NO. 5-119

TITLE NO. 241290 SALE \$1.50

DEMONSTRATES THE CONSTRUCTION OF A SANITARY PIT PRIVY AND THE PRINCIPLES OF SANITATION INVOLVED.

FROM THE ENVIRONMENTAL SANITATION SERIES.

RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

OTHER FORMAT(S) OR VERSION(S)

*10 MIN. 35MM FILMSTRIP. 1/4 IN. AUDIOTAPE. B&W 1949
PRODUCER USPHS SPONSOR USNMAC AGENCY NO. 5-119
TITLE NO. 007392 SALE \$8.50

70 FRAMES.

CONSTRUCTION OF AN OFFSHORE LIGHT STATION

29 MIN. 16MM FILM. OPT. SD. COL 1963
PRODUCER USCG
TITLE NO. 241408 SALE \$131.75

DOCUMENTS THE CONSTRUCTION OF A NEW TYPE OF OFFSHORE LIGHT STATION WHICH SUPPLANTS COAST GUARD LIGHTSHIPS. SHOWS MOVEMENT OF PARTS FROM SHIPYARD TO THE TOWER SITE AND ERECTION OF THE STEEL TOWER.

CLEARED FOR TV.

CONVERSATION WITH M KING HUBBERT, A

38 MIN. 16MM FILM. OPT. SD. COL 1976
PRODUCER AHOA SPONSOR USHRAC
TITLE NO. 007797 SALE \$172.50

PRESENTS DR M KING HUBBERT WHO IS A SCHOLAR AND FEDERAL AUTHORITY ON FUEL AND ENERGY, EXPLAINING THE LIMITS OF OUR FOSSIL FUEL SUPPLY AND THE IMPACT OF COMING ENERGY PROBLEMS ON HEALTH CARE INSTITUTIONS.

CLEARED FOR TV.

OTHER FORMAT(S) OR VERSION(S)

*38 MIN. 3/4 IN. VIDEOCASSETTE. COL 1976
PRODUCER AHOA SPONSOR USHRAC
TITLE NO. 007798 SALE \$74.50

DAY THE TIDE TURNED RED. THE
27 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USN
TITLE NO. 009652

1975
AGENCY NO. MN-11395
SALE \$122.50

DISCUSSES HOW NAVY SCIENTISTS ARE STUDYING AND DIS-
COVERING METHODS OF CONTROLLING THE RED TIDE PHENOME-
NON TO PREVENT ITS POISONOUS EFFECTS ON MEN AND MARINE
LIFE.

DEMONSTRATION IN URBAN NOISE CONTROL. A
3 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USNBS
TITLE NO. 007832

1972
SALE \$13.50

DEMONSTRATES FIVE WAYS TO CONTROL ONE TYPICAL URBAN
NOISE PROBLEM, THE TRUCK. SHOWS IMPROVED MUFFLERS,
BETTER TIRE TREAD DESIGN, ARTIFICIAL NOISE BARRIERS,
NATURAL BARRIERS, AND IMPROVED BUILDING CONSTRUCTION.

DESERT STEWARDSHIP - NATURAL RESOURCES
MANAGEMENT AND CONSERVATION
20 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USN
TITLE NO. 008567

1975
AGENCY NO. MN-11560
SALE \$90.75

PRESENTS AN OVERVIEW OF THE NATURAL AND CULTURAL RE-
SOURCES FOUND ON THE NAVAL WEAPONS CENTER'S MORE THAN
ONE MILLION ACRES OF RANGES. DISCUSSES THE CENTER'S
PHILOSOPHY OF STEWARDSHIP OF ITS ASSETS AND THE
MANAGEMENT REQUIRED FOR COMPATIBLE RANGE OPERATIONS.
SHOWS HOW THE OUTDOOR LABORATORIES AND RANGES ARE
SHARED WITH AREAS OF HISTORICAL INDIAN CARVINGS,
ABANDONED TOWNS, THERMAL ENERGY AREAS, AND A FRAGILE
DESERT ECOSYSTEM.

DESIGN FOR SURVIVAL
23 MIN. 16MM FILM, OPT. SD, B&W
PRODUCER USA
TITLE NO. 267010

1953
AGENCY NO. MF038-07951
SALE \$60.50

DISCUSSES THE AVAILABILITY AND USES OF CRITICAL RAW
MATERIALS, EMPHASIZING THE NEED TO CREATE AND
STRENGTHEN A POSITIVE ATTITUDE TOWARDS CONSERVATION
AMONG THOSE CONCERNED WITH THE DESIGN, PLANNING, MANU-
FACTURE, AND PURCHASE OF MILITARY EQUIPMENT.

DESILTING THE HUDSON
12 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USAE
TITLE NO. 003515
SALE \$86.00

DEPICTS SILTING PROBLEMS THAT EXIST IN NEW YORK
HARBOR AND THE HUDSON RIVER BELOW THE GEORGE WASHING-
TON BRIDGE. DESCRIBES HOW AN HYDRAULIC MODEL AT THE
WATERWAYS EXPERIMENT STATION IS HELPING ENGINEERS TO
ANALYZE THE PROBLEM AND TEST EFFECTIVENESS OF MEAS-
URES TO DECREASE THE RATE OF SHOALING.

DISTILLATION UNIT OPERATION AND
MAINTENANCE, PT A
14 MIN. 3/4 IN. VIDEOCASSETTE, COL
PRODUCER USAF
TITLE NO. 009426
AGENCY NO. TVS56-0005A
SALE \$45.00

PRESENTS INFORMATION CONCERNING THEORY OF OPERATION,
SAFETY PROCEDURES, AND MAINTENANCE PROCEDURES RELATED
TO THE PEE 10K VAPOR COMPRESSION DISTILLATION UNIT.

DISTILLATION UNIT OPERATION AND
MAINTENANCE, PT B
15 MIN. 3/4 IN. VIDEOCASSETTE, COL
PRODUCER USAF
TITLE NO. 009427
AGENCY NO. TVS56-0005B
SALE \$45.00

PRESENTS INFORMATION CONCERNING THEORY OF OPERATION,
SAFETY PROCEDURES, AND MAINTENANCE PROCEDURES RELATED
TO THE PEE 10K VAPOR COMPRESSION DISTILLATION UNIT.

DRYER DRUM PROCESS
20 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USFHW
TITLE NO. 003114
1973
SALE \$90.75

DOCUMENTS THE EVALUATION STUDIES CONDUCTED BY THE U.S. FEDERAL HIGHWAY ADMINISTRATION ON SEVERAL HOT MIX PLANTS LOCATED IN IOWA, MINNESOTA, AND NORTH DAKOTA WHICH UTILIZE THE DRYER DRUM METHOD OF PRODUCTION. TELLS HOW STRINGENT POLLUTION REQUIREMENTS HAVE LED TO THE BREAKTHROUGH IN THE PRODUCTION OF BITUMINOUS MIXTURES USING PENETRATION GRADE ASPHALTS.

DUAL-DRUM PAVER PRODUCTIVITY
30 MIN, 16MM FILM, OPT. SD, COL 1960
PRODUCER USFHTWA
TITLE NO. 282075 SALE \$136.25

USES SCENES OF PAVER OPERATIONS TO ILLUSTRATE HOW AND TO WHAT EXTENT OPERATING DELAYS AFFECT POWER PRODUCTIVITY. SHOWS JOBS WHERE PAVER PRODUCTION RATES RANGED FROM LOW ON SOME TO OUTSTANDING ON OTHERS.

EMBANKMENT COMPACTION CONTROL - FAMILY OF CURVES
15 MIN, 16MM FILM, OPT. SD, COL 1973
PRODUCER USFHTWA
TITLE NO. 0001896 SALE \$68.00

SHOWS THE PROPER METHODS FOR SOIL TESTING AND QUALITY CONTROL BY THE USE OF A FAMILY OF CURVES AND THE 1-POINT COMPACTION TEST.

ENERGY - THE AMERICAN EXPERIENCE
29 MIN, 16MM FILM, OPT. SD, COL 1976
PRODUCER USERDA
TITLE NO. 007706 SALE \$131.75

SHOWS THE DEVELOPMENT OF DIFFERENT FORMS OF ENERGY UNDER THE UNIQUE CONDITIONS OF THE AMERICAN EXPERIENCE. DEPICTS THE 60-YEAR CHANGING CYCLES OF ENERGY SOURCES FROM WOOD TO COAL TO OIL AND GAS. DEMONSTRATES THAT THE FUELS AMERICANS THOUGHT INEXHAUSTABLE ARE BEING USED TOO RAPIDLY. DISCUSSES HOW TO PLAN THE BEST USE OF PRESENT RESOURCES AND MOBILIZE SCIENCE AND INDUSTRY TO DEVELOP NEW SOURCES AND CHOICES OF ENERGY.

CLEARED FOR TV.

ENGINEERING DATA MANAGEMENT

11 MIN, 16MM FILM, OPT. SD, COL 1966
PRODUCER USAF
TITLE NO. 303279 AGENCY NO. SFP-1483
SALE \$50.00

DESCRIBES THE PROGRAM DEVELOPED BY THE AIR FORCE LOGISTICS COMMAND FOR OBTAINING NECESSARY ENGINEERING DATA ABOUT AIR FORCE WEAPONS SYSTEMS. SHOWS HOW THE CONTRACTOR PROVIDES SUCH INFORMATION DIRECT TO THE USER. EXPLAINS THE ADVANTAGES OF THE PROGRAM TO BOTH CONTRACTOR AND AIR FORCE. ALSO DISCUSSES PRIORITIES OF REQUESTS FOR INFORMATION AND NECESSARY CONTROLS.

CLEARED FOR TV. THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

ENGINEERING FOR TOMORROW

28 MIN, 16MM FILM, OPT. SD, COL 1970
PRODUCER USA
TITLE NO. 009374 AGENCY NO. TV-0781
SALE \$127.00

DISCUSSES THE RESEARCH, DEVELOPMENT, AND CONSTRUCTION WORK OF THE CORPS OF ENGINEERS. INCLUDES DETAILS OF FLOOD CONTROL, POLAR RESEARCH IN GREENLAND, AND A SEABORNE NUCLEAR POWER PLANT.

FROM THE BIG PICTURE SERIES.

CLEARED FOR NON-SPONSORED TV.

ENGINEERING--A SERIES

11 35MM FILMSTRIPS, CAPTIONS
PRODUCER USOE
TITLE NO. 008337 SALE \$16.50

REVIEW MATERIALS FOR THE FILM SERIES OF THE SAME TITLE.

FLUE GAS ANALYSIS - ORSAT APPARATUS
HEAT TREATMENT OF ALUMINUM, PT 1
HEAT TREATMENT OF ALUMINUM, PT 2
MEASUREMENT WITH LIGHT WAVES 43FRS
47FRS
41FRS
50FRS

PRINCIPLES OF DRY FRICTION	36FRS	TRIBUTED TO IMPROVED STORM-RESISTANT BUILDING DESIGN
PRINCIPLES OF LUBRICATION	30FRS	AND CONSTRUCTION PRINCIPLES. PRESENTS THE STUDY'S.
PRINCIPLES OF REFRIGERATION	44FRS	FINDINGS DEALING WITH HURRICANES, TYPHOONS, AND
SLIDE RULE, THE - PROPORTION, PERCENTAGE,	44FRS	CYCLONES.
SQUARES, AND SQUARE ROOTS		
SLIDE RULE, THE - THE 'C' AND 'D' SCALES	39FRS	
TENSION TESTING	45FRS	FIVE MINUTES TO LIVE
X-RAY INSPECTION	54FRS	18 MIN. 16MM FILM. OPT. SD. COL
OTHER FORMAT(S) OR VERSION(S)		PRODUCER USLBJC SPONSOR USNASA
*12 16MM FILMS. OPT. SD		AGENCY NO. HQA-253
PRODUCER USOE		TITLE NO. 009847
TITLE NO. 007130 RENTAL \$95.00. SALE \$615.25		1976 SALE \$81.75
ENVIRONMENT FOR EDUCATION		SHOWS A DRAMATIC EXAMPLE OF SPACE TECHNOLOGY UTILIZA-
19 MIN. 16MM FILM. OPT. SD. COL	1973	TION--TELCARE, AN ADVANCED EMERGENCY CARE SYSTEM.
PRODUCER USDCPA	AGENCY NO. DDCP05-0272	DEPICTS HOUSTON PARAMEDICS SAVING THE LIFE OF A CORO-
TITLE NO. 002083	SALE \$86.25	NARY VICTIM. EXPLAINS THE SPACE PROGRAM ORIGIN OF
SYSTEM COMPONENTS.		CLEARED FOR NON-SPONSORED TV.
EXPLAINS, BY EXAMPLE, THAT WELL DESIGNED SCHOOL BUILD-		GREAT CLEAN AIR CAR RACE, THE
INGS CAN PROVIDE PROTECTION AGAINST VANDALISM, NOISE		26 MIN. 16MM FILM. OPT. SD. COL
POLLUTION, AND NATURAL DISASTER HAZARDS, AS WELL AS		1970 PRODUCER USEPA
RADIO-ACTIVE FALLOUT.		TITLE NO. 000860 RENTAL \$12.50 SALE \$118.00
ENVIRONMENTAL EDUCATION - A BEGINNING (SHORT		DOCUMENTS THE COMPETITION BETWEEN THE EXOTIC AND
VERSION)		MODIFIED VEHICLES BUILT BY STUDENTS FROM OVER 50
14 MIN. 16MM FILM, OPT. SD. COL	1974	COLLEGES, UNIVERSITIES, AND HIGH SCHOOLS ACROSS THE
PRODUCER USOE		COUNTRY TO DEMONSTRATE WAYS OF REDUCING AIR POLLUTION
TITLE NO. 007307	SALE \$63.50	FROM AUTOMOBILES.
SHOWS MANY PROJECTS AIMED AT SOLVING ENVIRONMENTAL		GREAT GAS SAVE-IN
PROBLEMS. EXAMINES THE EFFORTS OF UNIONS, SCOUT		13 MIN. 16MM FILM. OPT. SD. COL
GROUPS, SCHOOLS, AND OTHER ORGANIZATIONS, TO COMBAT		1975 PRODUCER USPOST
POLLUTION.		TITLE NO. 009961 RENTAL \$10.00 SALE \$59.00
EXTREME WIND STUDY		SHOWS LOGICAL METHODS FOR GASOLINE CONSERVATION BY
15 MIN. 16MM FILM. OPT. SD. COL	1975	BOTH VEHICLE DRIVERS AND FLEET OPERATORS. OFFERS
PRODUCER USNBS		GENERAL APPLICABILITY TO ANY LARGE BUSINESS, GOVERN-
TITLE NO. 009627	SALE \$68.00	MENT OFFICE, OR INDIVIDUAL INTERESTED IN GASOLINE
DOCUMENTS A RESEARCH PROGRAM OF THE NATIONAL BUREAU OF		CONSERVATION.
STANDARDS CENTER FOR BUILDING TECHNOLOGY SPONSORED BY		HANFORD OR BUST - 7,000 MILES FOR ENERGY
THE AGENCY FOR INTERNATIONAL DEVELOPMENT WHICH CON-		29 MIN. 16MM FILM. OPT. SD. COL
		1975 PRODUCER USANL SPONSOR USERDA

TITLE NO. 009825

SALE \$131.75

PRESENTS THE STORY OF THE 7,000-MILE RIVER AND SEA VOYAGE OF A METAL GIANT. SHOWS HOW THE LARGEST STAINLESS STEEL NUCLEAR REACTOR VESSEL IS MADE OF 890 TONS OF HARDWARE. GIVES SOME FACTS ABOUT THE ESSENTIAL TESTING FOR THE BREEDER PROGRAM, WHICH WILL HELP PLACE AMERICAN HANDS ON A NEW SOURCE OF ENERGY THAT COULD HELP LIGHT CITIES FOR CENTURIES TO COME.

CLEARED FOR NON-SPONSORED TV.

HAZARDOUS WASTES - THE GROSS NATIONAL BY-PRODUCT

18 MIN, 2 X 2 SLIDES, AUDIOCASSETTE, COL 1976
PRODUCER USOSWM
TITLE NO. 007918 SALE \$10.00

EXPLAINS WHAT HAZARDOUS WASTES ARE AND HOW THEY ARE PRODUCED. DISCUSSES HOW THEY ARE TREATED, TRANSPORTED, AND DISPOSED OF. SUMMARIZES THE PROBLEM AND SUGGESTS WAYS FOR CONCERNED CITIZENS AND PUBLIC INTEREST GROUPS TO TAKE CONSTRUCTIVE ACTION TO COPE WITH HAZARDOUS WASTES.

44 SLIDES. 1 AUDIOCASSETTE, 2-TRACK, MONO, WITH AUDIBLE AND INAUDIBLE ADVANCE SIGNALS. SCRIPT INCLUDED.

HIGHWAY AND ITS ENVIRONMENT. THE
20 MIN, 16MM FILM, OPT. SD, COL 1974
PRODUCER USFHWA
TITLE NO. 007201 RENTAL \$10.00 SALE \$90.75

SHOWS UNLIMITED WAYS IN WHICH HIGHWAYS CAN BE DEVELOPED IN HARMONY WITH THEIR SURROUNDINGS. EXPLAINS THAT EACH YEAR A COMPETITION IS HELD TO RECOGNIZE CREATIVE ACHIEVEMENT IN HIGHWAY-ORIENTED ENDEAVORS AND TO ACKNOWLEDGE PROGRAMS WHICH CONTRIBUTE EFFECTIVELY TO A MORE ESTHETIC ENVIRONMENT. EXHIBITS MANY EXAMPLES.

HIGHWAY BRIDGE RESEARCH

19 MIN, 16MM FILM, OPT. SD, COL 1964

PRODUCER USFHWA

TITLE NO. 392900

SALE \$86.25

SHOWS METHODS USED IN CONDUCTING STRAIN RESEARCH ON STEEL AND REINFORCED CONCRETE BRIDGES. SHOWS DETAILS ON INSTALLATION OF GAUGES, WIRING, AND INSTRUMENTATION. SHOWS OPERATION, EXPLAINS EQUIPMENT, AND GIVES RESULTS.

HIGHWAYS ARE FOR PEOPLE

27 MIN, 16MM FILM, OPT. SD, COL 1968
PRODUCER USFHWA

TITLE NO. 393164 RENTAL \$12.50 SALE \$122.50

STRESSES THE BENEFICIAL ROLE OF HIGHWAYS IN THE DEVELOPMENT OF THE U.S. POINTS OUT THE ABILITY OF HIGHWAYS TO MEET THE NATION'S TRANSPORTATION NEEDS AND TO HARMONIZE WITH EFFORTS TO IMPROVE THE ENVIRONMENT. DEMONSTRATES THAT SOUND STATE PLANNING, PUBLIC-MINDED PROGRAMMING, AND IMAGINATIVE DESIGN ARE CONTRIBUTING TO THE CONTINUING IMPROVEMENT OF THE FEDERAL AID HIGHWAY SYSTEM.

HOOVER DAM

33 MIN, 16MM FILM, OPT. SD, B&W 1949
PRODUCER USDS
TITLE NO. 398250 AGENCY NO. 01-02801
SALE \$86.75

EXPLAINS THE NEED FOR CONTROL OF THE COLORADO RIVER. PICTURES THE CONSTRUCTION OF THE HOOVER DAM, AND INDICATES ITS VALUE FOR IRRIGATION AND ELECTRIC POWER.

HOW TO SUCCEED WITHOUT RE-INVENTING THE WHEEL

- ENGINEERS CAN RETRIEVE INFORMATION
30 MIN, 16MM FILM, OPT. SD, B&W 1965
PRODUCER USDOD, SPONSOR USAF AGENCY NO. OSD-02-65
TITLE NO. 009529 RENTAL \$10.00 SALE \$79.00

DRAMATIZES THE NEED FOR ENGINEERS TO HAVE ACCESS TO DATA. CITES THE USE OF A COMPUTER AS THE CORE OF A WORKABLE INFORMATION RETRIEVAL SYSTEM.

CLEARED FOR NON-SPONSORED TV.

INNER FRONTIER, THE
12 MIN. 16MM FILM, OPT. SD, COL 1974
PRODUCER USN
TITLE NO. (X)5892 AGENCY NO. MN-11025E
SALE \$54.50

INTERESTED IN STRETCHING THEIR BUDGETS BY CONSERVING ENERGY.

CLEARED FOR TV.

SHOWS UNDERWATER CONSTRUCTION TECHNIQUES AND CAPABILITIES DEVELOPED BY THE NAVY FACILITIES COMMAND AND NCF IN SUPPORT OF THE HABITAT AND EQUIPMENT INSTALLATIONS OF PROJECTS TEKTITE AND AFAR (AZORES FIXED, ACOUSTIC RANGE.)

INTRODUCTION TO ENVIRONMENTAL ENGINEERING
22 MIN. 16MM FILM, OPT. SD, COL 1962
PRODUCER USN AGENCY NO. MN-09665
TITLE NO. 002440 SALE INQUIRE

KNOCK AT THE DOOR
18 MIN. 16MM FILM, OPT. SD, COL 1970
PRODUCER USFHW
TITLE NO. 453860 SALE \$81.75

SHOWS WHAT SOME STATE HIGHWAY DEPARTMENTS, UNION ORGANIZATIONS, AND HIGHWAY CONSTRUCTION CONTRACTORS ARE DOING TO TRAIN MINORITY GROUP PERSONS TO OPERATE HEAVY HIGHWAY CONSTRUCTION EQUIPMENT. ALSO SHOWS THAT THERE ARE OPPORTUNITIES IN THE CONSTRUCTION TRADES FOR MINORITY AND UNDERPRIVILEGED PERSONS TO IMPROVE THEIR LIVES.

HIGHLIGHTS SOME OF THE MORE IMPORTANT ENVIRONMENTAL ENGINEERING MANAGEMENT AREAS AND INTERRELATES THEM IN PROBLEM-SOLVING APPROACHES.

INTRODUCTION TO HIGHWAY HYDRAULICS
21 MIN. 16MM FILM, OPT. SD, COL 1960
PRODUCER USFHW
TITLE NO. 434149 SALE \$95.25

ILLUSTRATES SOME FUNDAMENTAL PRINCIPLES OF HYDRAULICS OF OPEN CHANNEL FLOW. HYDRAULIC MODELS IN THE LABORATORY ARE CORRELATED WITH FIELD HIGHWAY INSTALLATIONS WHERE POSSIBLE.

IT'S DOLLARS AND SENSE
28 MIN. 16MM FILM, OPT. SD, COL 1976
PRODUCER USHRA
TITLE NO. 007893 SALE \$127.00

EXPLAINS HOW THE STEPS TAKEN TO REDUCE THE USE OF ENERGY HAVE RESULTED IN SUBSTANTIAL DOLLAR SAVINGS WITHOUT AFFECTING THE QUALITY OF PATIENT CARE. ALSO EXPLAINS LOAD-SHEDDING PRACTICES, HEATING AND VENTILATION PRACTICES, EFFICIENCY TESTING AND EQUIPMENT MAINTENANCE, LIGHTING, NEW INNOVATIONS AND DESIGNS, AND OTHER MEASURES WHICH CAN BE APPLIED BY HOSPITALS

LEGACY, THE
28 MIN. 16MM FILM, OPT. SD, COL 1975
PRODUCER USGSA
TITLE NO. 009640 RENTAL \$12.50 SALE \$127.00

EXPLAINS THE TOTAL SYSTEMS APPROACH TO FIRESAFETY AND BUILDING PROTECTION. FOCUSES ON GSA'S FIRST HIGH-RISE STRUCTURE TO INCLUDE A TOTAL FIRESAFETY SYSTEM, THE SEATTLE FEDERAL BUILDING. SHOWS A TOTAL SPRINKLER SYSTEM, 2-WAY VOICE COMMUNICATIONS, VOICE ALERTING SYSTEMS, SMOKE DETECTION EQUIPMENT, AUTOMATIC ELEVATOR RECALL, AND A COMPUTER SYSTEM. ALSO SHOWS HOW ALL ELEMENTS ARE VISUALLY BROUGHT TOGETHER WITH THE HUMAN ELEMENT.

LET NATURE WORK FOR YOU
12 MIN. 16MM FILM, OPT. SD, COL 1969
PRODUCER USFHW
TITLE NO. 002518 SALE \$54.50

ILLUSTRATES HOW NATURAL PLANT RÉGENERATION CAN BE USED TO ASSIST HIGHWAY MAINTENANCE ENGINEERS IN BEAUTIFYING THE RIGHT-OF-WAY AFTER CONSTRUCTION HAS BEEN COMPLETED. ENCOURAGES MAINTENANCE CREWS TO KEEP MOWING OPERATIONS TO A MINIMUM BY NOT MOWING THE COMPLETE RIGHT-OF-WAY, GIVING NATURE A CHANCE TO RÉVEGETATE THE

AREAS.

LICENSE PLATE TRAFFIC SURVEY

12 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USFHWA
TITLE NO. 474940

1968

SALE \$54.50

SHOWS A METHOD OF CONDUCTING A SURVEY ON THE ORIGIN AND DESTINATION OF TRAFFIC THROUGH THE USE OF MOTION PICTURE PHOTOGRAPHY. SHOWS HOW THE PHOTOGRAPHIC EQUIPMENT SHOULD BE SET UP FOR RECORDING LICENSE PLATES, HOW THIS INFORMATION IS TRANSFERRED FOR ELECTRONIC DATA PROCESSING, AND HOW QUALIFIED RESULTS ARE OBTAINED BY MEANS OF A RAPID FOLLOWUP.

LOST PRODUCTION IN HIGHWAY CONSTRUCTION

30 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USFHWA
TITLE NO. 002317

1957

SALE \$136.25

EXAMINES MINOR DELAYS THAT AFFECT PRODUCTION RATES OF KEY UNITS OF HIGHWAY CONSTRUCTION EQUIPMENT, INCLUDING POWER SHOVELS, SCRAPERS, MOT-MIX, BITUMINOUS PLANTS, AND CONCRETE PAVERS.

MACHINE SHOP WORK - FUNDAMENTALS OF BLUEPRINT

READING--A SERIES
5 16MM FILMS, OPT. SD
PRODUCER ASOE

TITLE NO. 007597 RENTAL \$32.50 SALE \$173.50

PRINCIPAL DIMENSIONS, REFERENCE SURFACES, AND TOLERANCES

READING A DRAWING OF A VALVE BONNET
READING A THREE-VIEW DRAWING
SECTIONAL VIEWS AND PROJECTIONS, FINISH MARKS
VISUALIZING AN OBJECT

12MIN

20MIN

10MIN

15MIN

9MIN

MEANWHILE BACK ON EARTH

14 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USNASA
TITLE NO. 002128

1972

AGENCY NO. HQ-225
SALE \$63.50

CONSIDERS THE IMPACT OF AEROSPACE TECHNOLOGY ON THE APPLICATIONS OF INDUSTRIAL DESIGN TO SUCH THINGS AS AUTOMOBILE SUSPENSION SYSTEMS, LARGE COLISEUM DOMES, ANTENNA TOWERS, HELICOPTERS, ELECTRIC POWERPLANTS, PAPER PULPMAKING, RAILBEDS, AND SKYSCRAPERS.

MEASURES FOR AIR QUALITY

4 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USNBS
TITLE NO. 007831

1972

SALE \$18.25

DESCRIBES NEW AIR QUALITY MEASUREMENT TECHNIQUES AND CALIBRATION STANDARDS BEING DEVELOPED AT THE NATIONAL BUREAU OF STANDARDS TO HELP IMPROVE THE ACCURACY OF MEASURING AIR POLLUTION. INCLUDES THE USE OF A LASER TO MEASURE AIR POLLUTION LEVELS, THE SULPHUR DIOXIDE FLUORESCENCE DETECTOR, AND THE PERMEATION TUBE.

MERGING CONTROL SYSTEMS

15 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USFHWA
TITLE NO. 001836 RENTAL \$10.00 SALE \$68.00

1971

REPORTS ON A RESEARCH STUDY AIMED AT ASSISTING THE DRIVER IN ENTERING THE FREEWAY TRAFFIC STREAM AS SMOOTHLY AND EASILY AS POSSIBLE. SHOWS HOW TWO MERGING CONTROL SYSTEMS ARE DEVELOPED AND TESTED. EXPLAINS THE PACER SYSTEM AND THE GREEN BAND SYSTEM TO AVOID REAR END AND SIDESWIPE ACCIDENTS.

MINING NOISE HAZARDS

21 MIN. 16MM FILM, OPT. SD, COL
PRODUCER USBM SPONSOR USMESA
TITLE NO. 003551

1973

SALE \$95.25

PROMOTES A GENERAL AWARENESS OF NOISE HAZARDS IN THE COAL MINING INDUSTRY. SHOWS ACTUAL UNDERGROUND MINING SCENES, ON-THE-JOB NOISE SURVEYS, AND LABORATORY TESTS AND ANALYSIS. DEMONSTRATES PREVENTIVE METHODS TOGETHER WITH VARIOUS FORMS OF ENGINEERING CONTROLS AND PROTECTIVE DEVICES.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM

CHIEF, OFFICE OF AUDIOVISUALS, U S DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

MODERN GEODETIC SURVEYING

18 MIN. 16MM FILM, OPT. SD, COL 1967
PRODUCER USN AGENCY NO. MN-10203
TITLE NO. 002546 SALE \$81.75

SHOWS THE NEED, NATURE, AND MEANS OF GEODETIC SURVEYING AS IT EXISTS TODAY, WITH EMPHASIS ON THE CHALLENGE OF THE FUTURE.

CLEARED FOR TV.

MODERN MANUFACTURING - COMMAND PERFORMANCE

33 MIN. 16MM FILM, OPT. SD, COL 1963
PRODUCER USAF AGENCY NO. SFP-1153
TITLE NO. 528125 SALE \$148.75

ILLUSTRATES THE NEED FOR USING MODERN METHODS IN THE PRODUCTION OF AEROSPACE VEHICLES. EXPLAINS THAT THE USE OF AUTOMATION FROM PROGRAMMING TO FINISHED PRODUCT CAN SUPERSEDE CONVENTIONAL METHODS IN SPEED, RELIABILITY, AND ECONOMY. SHOWS ELECTRONICALLY CONTROLLED MACHINERY WHICH OPERATES SOLELY ON COMMANDS FROM NUMERICAL COMPUTER TAPES, AND PERFORMS TASKS WITH PRECISION AND ACCURACY.

CLEARED FOR TV. THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

NOT SINCE THE PYRAMIDS

29 MIN. 16MM FILM, OPT. SD, COL 1969
PRODUCER USN AGENCY NO. MN-10753
TITLE NO. 005612 SALE \$131.75

SHOWS THE CHARACTERISTICS OF THE CONSTRUCTION PROJECTS MANAGED BY THE NAVAL FACILITIES ENGINEERING COMMAND IN

VIETNAM

OCEAN INSTRUMENTS FOR DEEP SUBMERGENCE VEHICLES

29 MIN. 16MM FILM, OPT. SD, COL 1969
PRODUCER USN AGENCY NO. MN-10525
TITLE NO. 005217 SALE \$131.75

SHOWS THE SPECIAL INSTRUMENTATION REQUIREMENTS FOR DEEP SUBMERGENCE VEHICLES. DESCRIBES DEVELOPMENTS IN THIS FIELD.

OCEANOGRAPHIC PREDICTION SYSTEM

20 MIN. 16MM FILM, OPT. SD, COL 1966
PRODUCER USN AGENCY NO. MN-10167
TITLE NO. 561855 SALE \$136.25

SHOWS OCEANOGRAPHIC PREDICTION SYSTEMS AND PROGRAMS, AND THEIR RELATIONSHIP TO DEFENSE AND ECONOMIC NEEDS. DISCUSSES HOW PREDICTIONS INCREASE THE USE OF OCEANOGRAPHIC DATA FOR A FULLER UNDERSTANDING AND EXPLOITATION OF THE SEAS.

PARTNERS IN SAFETY

13 MIN. 16MM FILM, OPT. SD, COL 1975
PRODUCER USFHWA
TITLE NO. 009710 SALE \$59.00

CONCERNED DRIVING A VEHICLE IN AND AROUND HIGHWAY CONSTRUCTION PROJECTS AND ROUTINE MAINTENANCE OPERATIONS. ENCOURAGES COOPERATION BETWEEN THE DRIVING PUBLIC AND THE HIGHWAY WORK FORCE.

PARTNERS WITH INDUSTRY

13 MIN. 16MM FILM, OPT. SD, COL 1975
PRODUCER USNASA AGENCY NO. HQ-252
TITLE NO. 009841 SALE \$59.00

TELLS HOW AMERICA'S INDUSTRY CAN BENEFIT FROM NASA TECHNOLOGY NOW AND IN THE FUTURE. LOOKING TO THE FUTURE, AS NASA CONTINUES TO EXPLORE THE FRONTIER OF SPACE, AMERICA'S INDUSTRIAL COMMUNITY WILL RELY HEAVILY UPON THIS DEVELOPING RESOURCE. TOUCHES ALMOST

EVERY BRANCH OF SCIENCE IN ALMOST EVERY DISCIPLINE OF TECHNOLOGY.

CLEARED FOR NON-SPONSORED TV.

PEOPLE MAKE IT HAPPEN

23 MIN. 16MM FILM, OPT. SD, COL 1976
PRODUCER USBIE
TITLE NO. 007898

SALE \$104.50

EMPHASIZES THE IMPORTANCE OF CONSUMER BEHAVIOR IN PRODUCT SAFETY. USES ANIMATION, SONGS, AND HUMOROUS SKITS TO SHOW HOW SELECTION, USE, MAINTENANCE, STORAGE, AND DISPOSAL OF CONSUMER PRODUCTS AFFECTS SAFETY.

PERT MILESTONE SYSTEM - INTRODUCTION

27 MIN. 16MM FILM, OPT. SD, COL 1962
PRODUCER USN
TITLE NO. 0012806

AGENCY NO. MN-09704A

SALE \$122.50

SHOWS HOW MANAGEMENT AND OPERATING LEVELS ARE BROUGHT TOGETHER FOR THE PLANNING AND EXECUTION OF COMPLEX RESEARCH AND DEVELOPMENT PROJECTS.

POLLUTION BELOW

14 MIN. 16MM FILM, OPT. SD, COL 1975
PRODUCER USNASA
TITLE NO. 009583

AGENCY NO. HQ-247

SALE \$63.50

PRESENTS THE STORIES OF THREE PEOPLE FAR APART, CAUGHT UP IN DANGEROUS SITUATIONS CAUSED BY UNEXPECTED POLLUTION.

FROM THE RECOVERY SERIES.

POWER SHOVEL PRODUCTIVITY

30 MIN. 16MM FILM, OPT. SD, COL 1969
PRODUCER USFHWA
TITLE NO. 003069

SALE \$136.25

HIGHLIGHTS THE JOB CONDITIONS THAT DETERMINE THE YARDAGE OUTPUT OF POWER SHOVELS ON HIGHWAY GRADING

WORK. DEMONSTRATES HOW PRODUCTION IS AFFECTED BY THE SPEED OF THE DIPPER CYCLE, SIZE OF DIPPER LOAD, AND FREQUENCY AND DURATION OF MINOR DELAYS.

PREFERENTIAL TREATMENT FOR HIGH OCCUPANCY VEHICLE

21 MIN. 16MM FILM, OPT. SD, COL 1973
PRODUCER USEHWA
TITLE NO. 004666

SALE \$95.25

SHOWS SYSTEMATIC WAYS TO MAKE MORE EFFICIENT USE OF URBAN HIGHWAYS, INCLUDING SPECIAL LANES FOR BUSES AND CARPOOLS, CURB LANES ON ARTERIAL STREETS, AND PARKING FACILITIES OUTSIDE CONGESTED AREAS FOR COMMUTERS. ILLUSTRATES A DESIGN OF INTERCHANGES AND APPROACHES WHICH ALLOWS LIMITED ACCESS TO REVERSIBLE LANES.

PRESTRESSED CONCRETE PAVEMENT CONSTRUCTION

25 MIN. 16MM FILM, OPT. SD, COL 1973
PRODUCER USFHWA
TITLE NO. 000897

SALE \$113.50

SHOWS A PICTORIAL RECORD OF THE FIRST SUBSTANTIAL SECTION OF PRESTRESSED CONCRETE HIGHWAY PAVEMENT BUILT IN THE U.S.

PREVENTING COAL PNEUMOCONIOSIS THROUGH ENGINEERING CONTROLS

21 MIN. 16MM FILM, OPT. SD, COL 1971
PRODUCER USBM SPONSOR USMESA
TITLE NO. 003546

SALE \$95.25

DESCRIBES CAUSES, EFFECTS, AND PREVENTION OF ONE OF COAL MINING'S MOST HAZARDOUS HEALTH PROBLEMS--PNEUMOCONIOSIS OR BLACK LUNG. SUGGESTS METHODS OF DETECTION, CONTROL, AND SUPPRESSION OF RESPIRABLE COAL DUST, ALONG WITH THE LATEST DEVELOPMENTS IN ENVIRONMENTAL RESEARCH AND CONTROL.

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PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15213. AFTER PERMISSION HAS BEEN OBTAINED, THE

PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIO-VISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

PROJECT GASBUGGY - THE RESOURCEFUL ATOM
15 MIN. 16MM FILM, OPT. SD, COL 1968
PRODUCER USAEC SPONSOR USERDA
TITLE NO. 001362 SALE \$78.25

DESCRIBES A PROJECT, INVOLVING GOVERNMENT AND INDUSTRY, TO STUDY WHETHER NUCLEAR EXPLOSIONS CAN BE SAFELY USED TO PERFORM MASSIVE UNDERGROUND ENGINEERING TASKS FOR MORE EFFICIENT RECOVERY OF NATURAL RESOURCES.

PUBLIC WORKS AND PUBLIC UTILITIES - CONTROL OF CORROSION BY CATHODE PROTECTION - BURIED...
19 MIN. 16MM FILM, OPT. SD, COL 1960
PRODUCER USN AGENCY NO. MN-08131E
TITLE NO. 003180 SALE \$86.25

FULL TITLE--PUBLIC WORKS AND PUBLIC UTILITIES - CONTROL OF CORROSION BY CATHODE PROTECTION - BURIED METAL STRUCTURES. SHOWS METHODS OF DETERMINING THE NEED FOR INSTALLING CATHODIC PROTECTIVE SYSTEMS; DEMONSTRATES INSTALLATION, ADJUSTMENTS, AND OPERATIONAL INSPECTIONS REQUIRED FOR THE GALVANIC ANODE SYSTEM AND THE IMPRESSED CURRENT SYSTEM.

RACE FOR CLEAN AIR, THE
27 MIN. 16MM FILM, OPT. SD, COL 1972
PRODUCER USEPA
TITLE NO. 000120 RENTAL \$12.50 SALE \$122.50

SHOWS THE 1970 CLEAN AIR CAR RACE. DISCUSSES THE DIFFERENT CONTROL SYSTEMS, DIFFERENT FUELS, AND DIFFERENT PROPULSION SYSTEMS THAT WERE ENTERED IN THE CROSS-COUNTRY EVENT.

REALITIES OF RECYCLING, THE
39 MIN. 16MM FILM, OPT. SD, COL 1971
PRODUCER USOSWM SPONSOR USEPAP
TITLE NO. 002177 RENTAL \$15.00 SALE \$177.00

SHOWS A VARIETY OF EQUIPMENT BEING USED TO RECOVER AND REUSE MATERIALS FROM SOLID WASTES. EXISTING MARKETS FOR GLASS, ALUMINUM, AND STEEL CONTAINERS, PAPER AND OLD CAR HULKS ARE DESCRIBED, ALONG WITH NEW TECHNOLOGY BEING INVESTIGATED AND DEMONSTRATED UNDER PROVISIONS OF THE SOLID WASTE DISPOSAL ACT.

RECYCLED ASPHALT CONCRETE - BY RMI SYSTEMS
17 MIN. 16MM FILM, OPT. SD, COL 1975
PRODUCER USFHWA
TITLE NO. 009708 SALE \$77.25

DOCUMENTS THE EXPERIMENTAL RECONSTRUCTION OF A 1-MILE SECTION OF INTERSTATE HIGHWAY IN NEVADA WHERE THE 4-INCH DETERIORATED ASPHALT PAVEMENT WAS RECYCLED. SHOWS HOW TO BREAK UP OLD PAVEMENT, HAUL TO CRUSHER, CRUSH, HEAT, AND MIX IN FLUE FILLED ROTATING DRYER, ADD ADDITIONAL ASPHALT AND SOFTENING AGENT, HAUL BACK TO ORIGINAL SITE, AND PLACE WITH CONVENTIONAL EQUIPMENT. DISCUSSES THE BENEFITS OF ENERGY CONSERVATION.

RECYCLING
22 MIN. 16MM FILM, OPT. SD, COL 1971
PRODUCER USOSWM SPONSOR USEPAP
TITLE NO. 002180 RENTAL \$10.00 SALE \$100.00

SHOWS A VARIETY OF EFFORTS TO RECOVER AND REUSE MORE OF OUR OISCARDS. EXPLAINS HOW THIS APPROACH HAS THE DUAL BENEFIT OF CONSERVING OUR RESOURCES WHILE MINIMIZING THE EXPENSE AND DIFFICULTY OF SOLID WASTE DISPOSAL. ILLUSTRATES NEW TECHNIQUES THAT ARE BEING INVESTIGATED AND DEMONSTRATED UNDER PROVISIONS OF THE SOLID WASTE DISPOSAL ACT.

RESEARCH AND DEVELOPMENT PROGRESS REPORT
NO. 9 - DELONG PIERS
12 MIN. 16MM FILM, OPT. SD, COL 1967
PRODUCER USA AGENCY NO. RDPR-009
TITLE NO. 009973 SALE \$54.50

DISCUSSES THE CONSTRUCTION AND INSTALLATION OF DELONG PIERS TO RELIEVE THE LOGISTICAL PROBLEM IN VIETNAM.

THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

RIGHT-OF-WAY FDR HIGHWAYS

26 MIN, 16MM FILM, OPT. SD, COL 1961
PRODUCER USFHWA
TITLE NO. 649500 SALE \$118.00

SHOWS HOW A STATE HIGHWAY DEPARTMENT STUDIES, EVALUATES, AND SELECTS THE ROUTE FOR A NEW HIGHWAY. DESCRIBES THE VARIOUS STEPS IN THE APPRAISAL OF A PROPERTY NEEDED FOR RIGHT-OF-WAY AND THE NEGOTIATION FOR PURCHASE OF THE PROPERTY.

PRODUCED IN COOPERATION WITH THE STATES OF IOWA, MINNESOTA, MISSOURI, AND NEBRASKA.

ROAD IN THE FOREST, A

14 MIN, 16MM FILM, OPT. SD, COL 1974
PRODUCER USDA
TITLE NO. 009323 SALE \$99.50

DEALS WITH THE CHALLENGE OF BUILDING NEW ROADS THAT WILL HAVE THE LEAST ADVERSE IMPACT ON OUR ENVIRONMENT. STRESSES DESIGN CRITERIA WHICH WILL PROVIDE SERVICE, SAFETY, BEAUTY, ECONOMY, AND HARMONY WITH THE LANDSCAPE.

SAFETY IN HIGHWAY SURVEYING

25 MIN, 16MM FILM, OPT. SD, COL 1960
PRODUCER USFHWA
TITLE NO. 660810 SALE \$113.50

SHOWS THE HAZARDS AND APPROPRIATE PRECAUTIONS FOR A HIGHWAY SURVEY PARTY WORKING IN ROUGH COUNTRY, DENSE VEGETATION, TIMBERLAND, MOUNTAINOUS COUNTRY, AND ALONG THE HIGHWAY. EXPLAINS SAFE WORKING PRACTICES FOR VARIOUS HAND TOOLS AND EQUIPMENT.

SAND DRAINS

24 MIN, 16MM FILM, OPT. SD, COL 1965

PRODUCER USFHWA
TITLE NO. 663648 RENTAL \$12.50 SALE \$109.00

EXPLAINS THE SAND DRAIN METHOD OF CONSOLIDATING SWAMPY AREAS FOR THE CONSTRUCTION OF HIGHWAYS. USES ANIMATION AND SCENES OF AN ACTUAL PROJECT TO SHOW PREPARATION OF THE SITE, DRIVING THE SAND DRAINS, PLACING THE CONTROL DEVICES AND OVERLOAD, FINAL PREPARATION OF THE ROADWAY, AND PAVING.

SANITARY LANDFILL - ONE PART EARTH TO FOUR PARTS REFUSE

24 MIN, 16MM FILM, OPT. SD, COL 1969
PRODUCER USEPA
TITLE NO. 002188 AGENCY NO. M-1740-X
SALE \$109.00

PRESENTS SPECIFIC DETAILS FOR THE DESIGN AND OPERATION OF SANITARY LANDFILLS. CONCERNS LANDFILLS WITH A CAPACITY OF AT LEAST 200 TONS PER DAY, BUT ALLOWS FOR APPLICATION OF INFORMATION TO SMALLER FACILITIES.

SANITARY LANDFILL - YOU'RE THE OPERATOR

22 MIN, 16MM FILM, OPT. SD, COL 1973
PRODUCER USEPA
TITLE NO. 000859 RENTAL \$10.00 SALE \$100.00

ILLUSTRATES THE CAREFUL PLANNING AND PRECISE TECHNIQUES NEEDED TO ACHIEVE MAXIMUM STANDARDS AND DEMONSTRATES THAT A SANITARY LANDFILL CAN BE A GOOD NEIGHBOR AND A COMMUNITY ASSET.

SANITARY LANDFILL - YOU'RE THE OPERATOR
(INSTRUCTOR'S PACKAGE)

206 2 X 2 SLIDES, SILENT, COL 1973
PRODUCER USEPA
TITLE NO. 007501
SALE \$20.00

SHOWS PROFESSIONAL OPERATING TECHNIQUES AND PRACTICES, SUCH AS WORKSHOPS, CASE STUDIES, SESSIONS ON LOCAL REGULATIONS AND CONDITIONS, AND DISCUSSION PERIODS.

AN INSTRUCTOR'S PACKAGE WHICH INCLUDES THE SLIDES PLUS A COORDINATED SCRIPT AND A 203-PAGE MANUAL ENTITLED 'TRAINING SANITARY LANDFILL EMPLOYEES' - INSTRUCTOR'S

MANUAL.' PREVIOUSLY THIS WAS LISTED AS 'TRAINING SANITARY LANDFILL EMPLOYEES (INSTRUCTOR'S KIT).'

**SANITARY LANDFILL - YOU'RE THE OPERATOR
(TRAINEE'S PACKAGE)**

10 2 X 2 SLIDES, SILENT, COL 1973
PRODUCER USEPA
TITLE NO. 007500

SALE \$10.00

DISCUSSES SAFETY, LETTER CONTROL, PUBLIC RELATIONS, EQUIPMENT CARE AND MAINTENANCE, SPOTTING VEHICLES, RECORD KEEPING, CELL CONSTRUCTION, COVER SOIL, AND HARD-TO-HANDLE AND HAZARDOUS WASTES.

A TRAINEE'S PACKAGE WHICH INCLUDES THE SLIDES PLUS A 233-PAGE MANUAL ENTITLED 'TRAINING SANITARY LANDFILL EMPLOYEES - TRAINEE'S MANUAL.' PURCHASERS ARE AUTHORIZED TO DUPLICATE TRAINEE'S MANUAL AS NEEDED.

SATTAHIP - TOMORROW'S THAILAND
25 MIN. 16MM FILM, OPT. SD, COL 1970
PRODUCER USN
TITLE NO. 005238

AGENCY NO. MN-10875
SALE \$113.50

SHOWS CONSTRUCTION EFFORTS OF U S NAVY CIVIL ENGINEERS AND CONSTRUCTION CONTRACTORS IN BUILDING THE NEW SEAPORT OF SATTAHIP. SHOWS THE U-TAPAS OPERATIONAL AIRBASE ON THE SOUTHERN COAST OF THAILAND.

SERRATED SLOPES FOR EROSION CONTROL
14 MIN. 16MM FILM, OPT. SD, COL 1970
PRODUCER USFHWA
TITLE NO. 678090

SALE \$63.50

DISCUSSES SLOPES THAT CAN BE PREPARED DURING HIGHWAY CONSTRUCTION TO REDUCE EROSION AND PROMOTE THE GROWTH OF PLANT LIFE.

SHIP DESIGN FOR TOMORROW
25 MIN. 16MM FILM, OPT. SD., COL 1959
PRODUCER USN
TITLE NO. 004916

AGENCY NO. MN08610
SALE \$113.50

EXPLAINS THE PROFESSIONAL OPPORTUNITIES, CAREER ADVANTAGES, AND WORKING ENVIRONMENT IN THE U S NAVY'S BUREAU OF SHIPS.

SHIPBOARD VIBRATIONS, PT 1. FUNDAMENTAL

PRINCIPLES OF VIBRATING SYSTEMS
22 MIN. 16MM FILM, OPT. SD, B&W 1953
PRODUCER USN
TITLE NO. 004912

AGENCY NO. MN9180-A
SALE \$57.75

EXPLAINS BASIC CONCEPTS AND PRINCIPLES INCLUDING LONGITUDINAL AND TORSIONAL VIBRATIONS, FREE AND FORCED VIBRATIONS, THE TIME RELATIONSHIP BETWEEN THE FORCE CYCLE AND THE AMPLITUDE CYCLE, AND THE PHASE ANGLE DIAGRAM.

SHIPBOARD VIBRATIONS, PT 2. MULTI-MASS SYSTEMS

23 MIN. 16MM FILM, OPT. SD, B&W 1953
PRODUCER USN
TITLE NO. 004913

AGENCY NO. MN-0180B
SALE \$60.50

EXPLAINS BASIC CONCEPTS, INCLUDING THOSE OF A UNIFORM SYSTEM, A LUMPED SYSTEM, MODES OF VIBRATION, RELATIVE AMPLITUDES, HARMONIC ANALYSIS, ORDERS OF VIBRATION, AND CRITICAL SPEEDS.

SHIPBOARD VIBRATIONS, PT 3. VIBRATION, EXCITATION, AND RESPONSE

15 MIN. 16MM FILM, OPT. SD, B&W 1953
PRODUCER USN
TITLE NO. 003463

AGENCY NO. MN09180C
SALE \$39.50

SHOWS THROUGH MODELS, VIBRATION EXCITATION IN THE PROPULSION MACHINERY DUE TO IMBALANCE AND TO PROPELLER THRUST VARIATION, AND THE RESPONSE OF THE SHIP'S STRUCTURE TO THIS EXCITATION.

SHIPBOARD VIBRATIONS, PT 4. SERVICE PROBLEMS AND FIELD INVESTIGATION

13 MIN. 16MM FILM, OPT. SD, B&W 1953
PRODUCER USN

AGENCY NO. MN09180D

TITLE NO. 004914	SALE \$34.25	60 SLIDES. 1 AUDIOTRACK, 2-TRACK, MONO, WITH AUDIBLE AND INAUDIBLE ADVANCE SIGNALS. MANUAL INCLUDED.
EXPLAINS HOW TO REPORT SHIPBOARD VIBRATION PROBLEMS, HOW THEY ARE DIAGNOSED AND REMEDIED BY VIBRATION ENGINEERS, AND HOW VIBRATION STUDY AS PREVENTIVE ENGINEERING CONTRIBUTES TO OVERALL SHIP DESIGN AND PERFORMANCE.		
SKID CORRELATION STUDY		CLEARED FOR NON-SPONSORED TV.
14 MIN. 16MM FILM, OPT. SD, COL	1963	SPEAKING OF MODELS
PRODUCER USFHWA		28 MIN. 16MM FILM, OPT. SD, COL 1965
TITLE NO. 689500	SALE \$63.50	PRODUCER USAE
COMPARES VARIOUS TECHNIQUES USED IN TESTING THE COEFFICIENTS OF FRICTION ON FIVE SPECIALLY CONSTRUCTED PAVEMENTS AT TAPPAHANNOCK, VA.		TITLE NO. 003502 SALE \$127.00
SLANTING		SHOWS HOW HYDRAULIC MODEL STUDIES MADE BY THE U.S. ARMY ENGINEER CORPS AT THE WATERWAYS EXPERIMENT STATION, VICKSBURG, MS., AID IN PLANNING AND DESIGNING OF PROJECTS FOR FLOOD CONTROL, NAVIGATION, AND HYDRO-ELECTRIC POWER...
9 MIN. 16MM FILM, OPT. SD, COL	1967	SPILL RECOVERY - NAVY TECHNIQUES FOR OIL SPILL CONTAINMENT AND REMOVAL IN HARBORS
PRODUCER USOCD SPONSOR USCDPA AGENCY NO. DDCP05-0259		25 MIN. 16MM FILM, OPT. SD, COL 1975
TITLE NO. 003485	SALE \$40.75	PRODUCER USN AGENCY NO. MN-11317B
ILLUSTRATES THE 'SLANTING' TECHNIQUES BEING USED BY MANY ARCHITECTS TO INCORPORATE FALLOUT SHIELDING IN NEW BUILDINGS. ANIMATED.		TITLE NO. 008568 SALE \$113.50
CLEARED FOR TV.		
OTHER FORMAT(S) OR VERSION(S)		DESCRIBES IN-PORT OIL SPILLS CONTROL, REPORTING, PROCEDURES, AND CLEANUP OPERATIONS.
9 MIN. 8MM FILM, REEL, MAG. SD, COL	1967	SPUR DIKES
PRODUCER USOCD SPONSOR USCDPA AGENCY NO. DDCP05-0259		14 MIN. 16MM FILM, OPT. SD, COL 1965
TITLE NO. 005701	SALE \$20.00	PRODUCER USFHWA
SLOPING, SHORING, AND SHIELDING PRACTICES		TITLE NO. 708910 SALE \$63.50
28 MIN. 2 X 2 SLIDES, AUDIOTRACK, COL	1976	DEALS WITH THE THEORY, LABORATORY RESEARCH, AND PRACTICAL APPLICATION OF SPUR DIKES TO CONTROL SCOUR AT BRIDGE ABUTMENTS IN FLOOD CONDITIONS.
PRODUCER USOSHA AGENCY NO. OSHA-2228		ST. MARY'S BRIDGE TEST
TITLE NO. 009863	SALE \$22.00	9 MIN. 16MM FILM, OPT. SD, COL 1970
PRESENTS A 1-DAY, INSTRUCTIONAL PROGRAM CONSISTING OF A CLASSROOM SESSION AND A PRACTICAL 'HANDS-ON' WORKSHOP IN THE PROCEDURES AND TECHNIQUES OF CONSTRUCTION SHORING.		PRODUCER USFHWA
		TITLE NO. 002202 SALE \$40.75
30 DESCRIBES THE VIBRATION FREQUENCY AND LIVE LOAD TESTS CONDUCTED ON THE ST. MARY'S BRIDGE, ST. MARY'S, WV, WHICH IS A SISTER BRIDGE TO THE POINT		

PLEASANT BRIDGE WHICH COLLAPSED IN DECEMBER 1967.

TECHNOLOGY FOR SPACECRAFT DESIGN, A
12 MIN. 16MM FILM, OPT. SD, COL 1966
PRODUCER USNA 1
TITLE NO. 002307 AGENCY NO. HQ-131C
SALE \$54.50

SHOWS THE FEATURES THAT MUST BE INCORPORATED INTO A SPACECRAFT INTENDED FOR LONG DURATION MANNED SPACE FLIGHT AND THE TECHNOLOGY THAT IS BEING DEVELOPED TO SOLVE THE NUMEROUS PROBLEMS.

PREVIOUSLY THIS HAS BEEN LISTED AS 'LIVING IN SPACE, PT 3, A TECHNOLOGY FOR SPACECRAFT DESIGN.'

FROM THE LIVING IN SPACE SERIES.

TECHNOLOGY UTILIZATION
30 MIN. 16MM FILM, OPT. SD, COL 1970
PRODUCER USTID SPONSOR USNASA AGENCY NO. HQ-202
TITLE NO. 736640 SALE \$136.25

DESCRIBES HOW PRIVATE FIRMS HAVE MADE PRACTICAL USE OF NASA DEVELOPED TECHNOLOGY, INCLUDING THE TECHNICAL INFORMATION RETRIEVAL SERVICES MADE AVAILABLE THRU NASA'S TECHNOLOGY UTILIZATION PROGRAM.

THIS HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

TERRADYNAMICS
21 MIN. 16MM FILM, OPT. SD, COL 1968
PRODUCER USAEC
TITLE NO. 003649 SALE \$95.25

DISCUSSES THE EARTH PENETRATION PROGRAM AT SANDIA LABORATORIES, WHICH IS CONCERNED WITH DETERMINING THE NATURE AND COMPOSITION OF SUB-SURFACE SOIL USING EARTH-PENETRATING, BALLISTIC VEHICLES. SHOWS EARLY EXPERIMENTATION, THE EVOLUTION OF THE PROGRAM, THE DELIVERY TECHNIQUES AND DESIGN OF SEVERAL PENETRATION VEHICLES. PLUS A TYPICAL RECOVERY OPERATION AND POST-RECOVERY ANALYSIS.

THEY CLEAR THE WAY

29 MIN. 16MM FILM, OPT. SD, COL

PRODUCER USA

TITLE NO. 004955

1967

AGENCY NO. TV-0732

SALE \$131.75

DESCRIBES THE U S ARMY ENGINEERS, WHOSE JOB IT IS TO BUILD BRIDGES, AIRFIELDS, AND ROADS IN VIETNAM IN ORDER TO BRING MOBILITY TO COMBAT FORCES.

CLEARED FOR TV.

FROM THE BIG PICTURE SERIES.

TQ STEM THE BLACK TIDE

14 MIN. 16MM FILM, OPT. SD, COL

PRODUCER USCG

TITLE NO. 007914

1976

SALE \$63.50

SHOWS THE COAST GUARD'S ROLE IN THE DETECTION, LOCATION, AND PREVENTION OF OIL SPILLS AND POLLUTION. COAST GUARD MARINE SAFETY AND PORT SAFETY PERSONNEL MAKE PERIODIC INSPECTIONS OF NATIONAL AND INTERNATIONAL VESSELS. FEATURES THE NEW TECHNOLOGY AND MAN-POWER EMPLOYED IN CONTAINING OIL SPILLS OR MINIMIZING CONTAMINATION. ALSO DEPICTS THE NEWLY TRAINED AND EQUIPPED OIL POLLUTION RESPONSE TEAMS.

TOWER TO THE SKY

28 MIN. 16MM FILM, OPT. SD, COL

1966

PRODUCER USCG

TITLE NO. 754790

SALE \$127.00

TELLS THE STORY OF THE CONSTRUCTION OF A COAST GUARD LORAN STATION ON THE PRIMITIVE WESTERN PACIFIC ISLAND OF YAP AS TOLD BY AN ELDER OF THE ISLAND COMMUNITY. PORTRAYS THE INITIAL ANTAGONISM OF THE COMMUNITY REGARDING THE CONSTRUCTION OF THE STATION AND ITS CHANGE OF ATTITUDE BY THE TIME THE STATION WAS COMPLETED.

CLEARED FOR TV.

U S NAVAL CIVIL ENGINEERING LABORATORY

17 MIN. 16MM FILM, OPT. SD, COL

1959

PRODUCER USN

TITLE NO. 004985

AGENCY NO. MN-0B800

SALE \$77.25

DISCUSSES THE OPERATION AND FUNCTIONS OF THE U S NAVAL CIVIL ENGINEERING LABORATORY AT PORT HUENEME, CA.

UNDER WAY

20 MIN. 16MM FILM, OPT. SD, COL

1960

PRODUCER USAEC SPONSOR USERDA

TITLE NO. 003816

RENTAL \$10.00

SALE \$90.75

TRACES THE DESIGN AND CONSTRUCTION OF THE FIRST U S NUCLEAR-POWERED MERCHANT SHIP, THE NS SAVANNAH.

DESCRIBES THE SAFETY FEATURES OF THE SHIP AND THE CHRISTENING AND LAUNCHING.

THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

VALUE ENGINEERING - MORE SHIPS FOR LESS MONEY

13 MIN. 16MM FILM, OPT. SD, COL

1957

PRODUCER USN

TITLE NO. 779340

AGENCY NO. MN8488

SALE \$59.00

SHOWS HOW THE U S NAVY VALUE ENGINEERING PROGRAM WORKS AND EXPLAINS ITS KEY TECHNIQUES. GET THE FACTS, KNOW THE COSTS, DETERMINE THE FUNCTION, DO CREATIVE THINKING, AND EVALUATE BY COMPARISON. EXAMPLES ARE GIVEN OF RESULTS OF VALUE ENGINEERING.

WES STORY, THE

14 MIN. 16MM FILM, OPT. SD, COL

1969

PRODUCER USAE

TITLE NO. 006622

SALE \$103.75

SHOWS HOW THE WATERWAYS EXPERIMENT STATION IN MISSISSIPPI GREW FROM A SMALL HYDRAULIC LABORATORY TO BECOME THE PRINCIPAL AND MOST DIVERSE RESEARCH, TESTING, AND DEVELOPMENT CENTER FOR THE CORPS OF ENGINEERS IN THE FIELDS OF CIVIL ENGINEERING.

WHAT'S NEW AT WES

16 MIN. 16MM FILM, OPT. SD, COL

1971

PRODUCER USAE

TITLE NO. 005039

SALE INQUIRE

SHOWS HOW NEW TOOLS, TECHNIQUES, AND AUTOMATIC DATA PROCESSING HELP TO OVERCOME SOME OF THE ENGINEERING PROBLEMS ENCOUNTERED AT THE WATERWAYS EXPERIMENT STATION.

WHAT'S NEW IN SOLID WASTE MANAGEMENT?

36 MIN. 16MM FILM, OPT. SD, COL

1970

PRODUCER USOSWM SPONSOR USEPA

TITLE NO. 002226

RENTAL \$15.00

SALE \$163.50

SHOWS A VARIETY OF NEW AND IMPROVED SOLID WASTE MANAGEMENT TECHNIQUES. FEATURES SPECIALLY DEVELOPED EQUIPMENT IN ACTUAL OPERATION. THE PROJECTS ARE PART OF THE DEMONSTRATIONS AND INVESTIGATIONS CONDUCTED UNDER PROVISIONS FOR THE SOLID WASTE DISPOSAL ACT. PROVIDES COSTS, CAPACITIES, AND OTHER DATA TO ASSIST PUBLIC WORKS DIRECTORS AND OTHER OFFICIALS WHO MUST EVALUATE ALTERNATIVE SYSTEMS AND EQUIPMENT.

WHEN THE CIRCUIT BREAKS - AMERICA'S ENERGY

CRISIS

28 MIN. 16MM FILM, OPT. SD, COL

1975

PRODUCER USFEA

TITLE NO. 009469

SALE \$125.00

SHOWS HOW AMERICA'S ENERGY CRISIS HAPPENED AND WHAT POSSIBILITIES THE FUTURE HOLDS. EXAMINES SOME SOLUTIONS AVAILABLE THROUGH THE DEVELOPMENT OF COAL, OIL, AND NATURAL GAS RESOURCES. LOOKS AT NUCLEAR, GEOTHERMAL, AND SOLAR ENERGY SOURCES WHICH COULD BE DEVELOPED. STRESSES THE IMPORTANCE OF CONSERVING ENERGY AT HOME, IN TRANSPORTATION, IN BUSINESS, AND IN INDUSTRY.

CLEARED FOR TV.

41
WHEN THE CIRCUIT BREAKS - AMERICA'S ENERGY
CRISIS (SPANISH)

28 MIN. 16MM FILM, OPT. SD. COL 1975
PRODUCER USFEA
TITLE NO. 007890 SALE \$125.00

SHOWS HOW AMERICA'S ENERGY CRISIS HAPPENED AND WHAT POSSIBILITIES THE FUTURE HOLDS. EXAMINES SOME SOLUTIONS AVAILABLE THROUGH DEVELOPMENT OF COAL, OIL, AND NATURAL GAS RESOURCES. LOOKS AT NUCLEAR, GEOTHERMAL, AND SOLAR ENERGY SOURCES WHICH COULD BE DEVELOPED. STRESSES THE IMPORTANCE OF CONSERVING ENERGY AT HOME, IN TRANSPORTATION, AND IN BUSINESS AND INDUSTRY.

CLEARED FOR TV.

WITHIN OUR REACH 1976
17 MIN. 16MM FILM, OPT. SD. COL
PRODUCER USEPAP
TITLE NO. 007849 SALE \$77.25

SHOWS WHAT STEPS ARE NECESSARY TO RECEIVE GRANT FUNDS AND DETAILS WHAT INDIVIDUALS CAN DO TO ENSURE CLEANER WATER. DOCUMENTS THE ACTIONS OF THE CITY OFFICIALS AND CITIZENS OF PARSIPPANY-TROY HILLS, NJ. TO CLEAN UP ITS WASTEWATER.

WOOD CHIP MULCH FOR EROSION CONTROL 1972
13 MIN. 16MM FILM, OPT. SD. COL
PRODUCER USFHWA
TITLE NO. 002233 SALE \$59.00

DEMONSTRATES HOW WOOD CHIP MULCH USED ON PREPARED SLOPES PROVIDES A SOLUTION TO EROSION DURING AND AFTER HIGHWAY CONSTRUCTION. IN THIS WAY AIR AND WATER POLLUTION CAN BE CONTROLLED AND A NATURAL RESOURCE PUT TO USE INSTEAD OF BEING WASTED OR BURNED.

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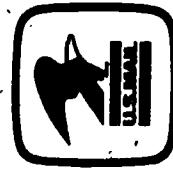
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